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INDEX TO AMERICAN BOTANICAL LITERATURE

(1907)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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Abel, J. J. & Ford, W. W. On the poisons of *Amanita phalloides*. Jour. Biol. Chem. 2: 273-288. Ja 1907.

Allison, A. Notes on the spring birds of Tishomingo County, Mississippi. The Auk 24: 12-25. Ja 1907.

Several pages are devoted to the flora of the county.

Arthur, J. C. New genera of *Uredinales*. Jour. Myc. 13: 28-32. 1 Ja 1907.

Polioma, *Spirechina*, *Prospodium*, and *Nephlyctis*.

Bailey, W. W. The baobab. Am. Bot. 11: 115, 116. Ja 1907.

Barnes, C. R. Illustrating botanical papers. Bot. Gaz. 43: 59-63. 24 Ja 1907.

Beardslee, H. C. The lepiotas of Sweden. Jour. Myc. 13: 26-28. 1 Ja 1907.

Berger, A. *Beschorneria pubescens* Berger n. sp. Monats. Kakteenk. 17: 1-3. 15 Ja 1907.

Probably a native of Mexico.

Berry, E. W. Coastal-plain amber. Torreya 7: 4-6. 7 Ja 1907.

Blanchard, W. H. Connecticut *Rubi*. Rhodora 9: 4-10. 22 Ja 1907.

Includes descriptions of 3 new species.

- Blanchard, W. H.** A new blackberry from Massachusetts and Rhode Island. *Torrey* 7: 7, 8. 7 Ja 1907.
Rubus multispinus sp. nov.
- Britton, E. G.** Notes on nomenclature VII. *Bryologist* 10: 7, 8. 2 Ja 1907.
- Britton, N. L.** A new polygalaceous tree of Porto Rico. *Torrey* 7: 38, 39. 28 F 1907.
Phlebotaenia Cowellii sp. nov.
- Britton, N. L.** Two undescribed species of *Comocladia* from Jamaica. *Torrey* 7: 6, 7. 7 Ja 1907.
- Carothers, I. E.** Development of ovule and female gametophyte in *Ginkgo biloba*. *Bot. Gaz.* 43: 116-130. *pl.* 5, 6. 16 F 1907.
- Chamberlain, C. J.** Preliminary note on *Ceratozamia*. *Bot. Gaz.* 43: 137. 16 F 1907.
- Clute, W. N.** Some fruits from a tropical garden. *Am. Bot.* 11: 97-105. Ja 1907. [Illust.]
- Cockerell, T. D. A.** Some new names. *Muhlenbergia* 3: 9. 30 Ja 1907.
Isoetes echinospora Brittoni, *Salix cascadenensis*, and *Microbahia* (gen. nov.) *Lemmoni*.
- Coker, W. C.** Fertilization and embryogeny in *Cephalotaxus Fortunei*. *Bot. Gaz.* 43: 1-10. *pl.* 1 + *f.* 1, 18-21. 24 Ja 1907.
- Condit, D.** Winter key to the Ohio species of *Euonymus*. *Ohio Nat.* 7: 60. 15 Ja 1907.
- Cushman, J. A.** Some desmids from Newfoundland. *Bull. Torrey Club* 33: 607-615. 7 F 1907.
- Davidson, A.** Flora of Clifton, Arizona. *Bull. So. Calif. Acad. Sci.* 5: 67-70. 4 Ja 1907.
- Detmers, F.** Additions to the Ohio flora for 1905-6. *Ohio Nat.* 7: 61. 15 Ja 1907.
- Dobbin, F.** An August outing. *Am. Bot.* 11: 112-115. Ja 1907.
- Eggleston, W. W.** New North American *Crataegi*. *Torrey* 7: 35, 36. 28 F 1907.
Descriptions of 2 new species.
- Evans, A. W.** Hepaticae of Puerto Rico — VII. *Stictolejeunea*, *Neurolejeunea*, *Omphalanthus*, and *Lopholejeunea*. *Bull. Torrey Club* 34: 1-34. *pl.* 1-4. 27 F 1907.
Includes *Lopholejeunea Howei* sp. nov.

- Fedde, F.** *Dendromeconis* generis species novae. Repert. Nov. Sp. **3**: 245, 246. 15 Ja 1907.
Descriptions of 3 new species, all from California.
- Fernald, M. L.** *Ribes vulgare* and its indigenous representatives in eastern North America. Rhodora **9**: 1-4. 22 Ja 1907.
- Fernald, M. L.** The variations of *Primula farinosa* in northeastern America. Rhodora **9**: 15, 16. 22 Ja 1907.
- Foster, A. S.** Observations on the vegetation of the Wallula gorge. Plant World **9**: 287-291. [F 1907.]
- Gates, R. R.** Pollen development in hybrids of *Oenothera lata* × *O. Lamarckiana*, and its relation to mutation. Bot. Gaz. **43**: 81-115. pl. 2-4. 16 F 1907.
- Gleason, H. A.** A botanical survey of the Illinois River valley sand region. Bull. Ill. State Lab. Nat. Hist. **7**: 149-194. pl. 8-21. Ja 1907.
- Gow, J. E.** Morphology of *Spathyema foetida*. Bot. Gaz. **43**: 131-136. f. 1-7. 16 F 1907.
- Griffiths, D.** Preparation of specimens of *Opuntia*. Plant World **9**: 278-284. f. 49, 50. [F 1907.]
- Grignani, G. T.** *Rhus typhina laciniata*. Rev. Hort. II. **7**: 10, 11. f. 1, 2. 1 Ja 1907.
- Grout, A. J.** Notes on Vermont bryophytes — 1906. Bryologist **10**: 6, 7. 2 Ja 1907.
- Gürke, M.** *Opuntia Spegazzinii* Web. Monats. Kakteenk. **17**: 3-5. 15 Ja 1907.
- Heller, A. A.** New western plants. Muhlenbergia **3**: 10-12. 30 Ja 1907.
Cakile californica and *Ribes Suksdorfii* spp. nov.
- Holm, T.** The anatomical method. Am. Jour. Pharm. **79**: 56-60. F 1907.
- Holm, T.** The internal structure of the stem and leaf of *Ruellia ciliosa* Pursh, *Phlox ovata* L. and *Spigelia marilandica* L. Am. Jour. Pharm. **79**: 51-56. pl. 1, 2. F 1907.
- Holzinger, J. M.** Is *Physcomitrium immersum* a gregarious moss? Bryologist **10**: 13. 2 Ja 1907.
- House, H. D.** Note upon a Guam species of *Ipomoea*. Torreya **7**: 37, 38. 28 F 1907.
- Jensen, G. H.** Toxic limits and stimulation effects of some salts and poisons on wheat. Bot. Gaz. **43**: 11-44. f. 1-34. 24 Ja 1907.

- Kauffman, C. H.** The genus *Cortinarius* with key to the species. Jour. Myc. **13**: 32-39. *pl.* 93-100. 1 Ja 1907.
- Kennedy, P. B. & McDermott, L. F.** A new clover. Muhlenbergia **3**: 8. 30 Ja 1907.
Trifolium orbiculatum, native of Montana.
- Kern, F. D.** The rusts of Guatemala. Jour. Myc. **13**: 18-26. 1 Ja 1907.
Enumerates 40 species, including new species in *Puccinia*, *Aecidium* (2), and *Uredo* (2).
- Knowlton, C. H.** Newly observed stations for Massachusetts plants. Rhodora **9**: 11-15. 22 Ja 1907.
- Lyman, G. R.** Culture studies on polymorphism of *Hymenomyces*. Proc. Boston Soc. Nat. Hist. **33**: 125-209. *pl.* 18-26. F 1907.
- McCleery, E. M.** Stellate hairs and peltate scales of Ohio plants. Ohio Nat. **7**: 51-56. *pl.* 5, 6. 15 Ja 1907.
- MacDougal, D. T.** Collecting cacti in southern Mexico. Jour. N. Y. Bot. Gard. **8**: 1-13. *f.* 1-7. [F] 1907.
- MacDougal, D. T.** Hybridization of wild plants. Bot. Gaz. **43**: 45-58. *f.* 1-4. 24 Ja 1907.
- Macfarlane, J. M.** Observations on *Sarracenia*. Jour. Bot. **45**: 1-7. 1 Ja 1907.
- Maiden, J. H.** Notes on some plants which in drying stain paper. Am. Jour. Pharm. **79**: 62-67. F 1907.
- Mark, C. G.** Color of Ohio flowers. Ohio Nat. **7**: 57-60. 15 Ja 1907.
- Massee, G.** Plant diseases.—VII. "Cluster-cup" disease of conifers. (*Calypsotheca Goepfertiana* Jul. Kühn.) Kew Bull. Misc. Inf. **1907**: 1-3. *pl.* Ja 1907.
- Morgan, A. P.** North American species of *Lepiota* (concluded). Jour. Myc. **13**: 1-18. 1 Ja 1907.
Includes descriptions of 4 new species.
- Nicholson, W. E.** William Mitten. A sketch with bibliography. Bryologist **10**: 1-5. *pl.* 1. 2 Ja 1907.
- Ortmann, A. E.** Facts and interpretations on the mutation theory. Science II. **25**: 185-190. 1 F 1907.
- Parish, S. B.** Some plants erroneously or questionably attributed to Southern California. Muhlenbergia **3**: 1-7. 30 Ja 1907.
- Purpus, J. A.** *Echinocactus platensis* Spegazz. Monats. Kakteenk. **17**: 8, 9. 15 Ja 1907. [Illust.]
Native of Argentina.

- Renauld, F.** Causerie sur les *Harpidia*. Rev. Bryol. **34**: 7-14. [Ja] 1907.
- Renner, O.** Beiträge zur Anatomie und Systematik der Artocarpeen und Conocephaleen, insbesondere der Gattung *Ficus*. Bot. Jahrb. **39**: 319-448. 15 Ja 1907.
- Robinson, C. B.** Some affinities of the Philippine flora. Torreya **7**: 1-4. 7 Ja 1907.
- Rolfe, R. A.** *Cynoches Loddigesii*. Orch. Rev. **15**: 25, 26. f. 4. Ja 1907.
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- Rolfe, R. A.** *Oncidium Waleuwa*. Orch. Rev. **15**: 3. Ja 1907.
Native of Minas Geraes, Brazil.
- Rusby, H. H.** The wild grains and nuts of the United States. Jour. N. Y. Bot. Gard. **7**: 269-273. [Ja 1907.]
- Rydberg, P. A.** Studies on the Rocky Mountain flora — XVII. Bull. Torrey Club **34**: 35-50. 27 F 1907.
Includes new species in *Pedicularis*, *Adenostegia*, *Castilleja* (13), *Lupinus* (10), *Trifolium* (4), *Tium*, *Hamosa*, *Xylophacos*, and *Homalobus* (2).
- Schaffner, J. H.** Synopsis and synizesis. Ohio Nat. **7**: 41-48. pl. 4. 15 Ja 1907.
- Schlechter, R.** *Orchidaceae novae et criticae*. Decas VIII. Repert. Nov. Sp. **3**: 246-251. 15 Ja 1907.
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- Skan, S. A.** *Lomatia ferruginea*. Curt. Bot. Mag. IV. **3**: pl. 8112. Ja 1907.
Native of Chile and Patagonia.
- Skan, S. A.** *Ribes mogollonicum*. Curt. Bot. Mag. IV. **3**: pl. 8120. F 1907.
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- Smith, B. G.** *Volvox* for laboratory use. Am. Nat. **41**: 31-34. 8 Ja 1907.
- Sprague, T. A.** The synonymy and distribution of the species of *Tricuspidaria*. Kew Bull. Misc. Inf. **1907**: 10-16. Ja 1907.
Natives of Chile.
- Sprague, T. A.** *Tricuspidaria dependens*. Curt. Bot. Mag. IV. **3**: pl. 8115. Ja 1907.
Native of central Chile.
- Stone, W.** Some new plants for southern New Jersey. Torreya **7**: 39, 40. 28 F 1907.

- Sumstine, D. R.** New stations for two plants. *Torreya* 7: 36, 37. 28 F 1907.
- Thorner, J. J.** The Toumey cactus garden. *Plant World* 9: 273-277. *f.* 45-48. [F 1907.]
- Trelease, W.** The century plant, and some other plants of the dry country. *Pop. Sci. Mo.* 70: 207-228. *f.* 1-22. Mr 1907.
- Trotter, S.** Nature names in America. *Pop. Sci. Mo.* 70: 63-75. Ja 1907.
- Underwood, L. M.** American ferns — VII. *Bull. Torrey Club* 33: 591-605. *f.* 1-16. 7 F 1907.
Includes 2 new species of *Stenochlaena*.
- Vail, A. M.** Jane Colden, an early New York botanist. *Torreya* 7: 21-34. 28 F 1907. [Illust.]
- Vail, A. M.** Note on a little-known work on the natural history of the Leeward Islands. *Jour. N. Y. Bot. Gard.* 7: 275-279. [Ja 1907.]
- Weberbauer, A.** Weitere Mitteilungen über Vegetation und Klima der Hochanden Perus. *Bot. Jahrb.* 39: 320-461. *pl.* 4, 5. 15 Ja 1907.
- Woodward, R. W.** Notes on Connecticut plants. *Rhodora* 9: 10, 11. 22 Ja 1907.
- Zahlbruckner, A.** Neue Flechten. III. *Ann. Myc.* 4: 486-490. 15 Ja 1907.
Includes *Lecanactis salicina* sp. nov., from California.